

REMARKS

Claims 1-49 remain in this application. No amendments of the claims or cancellations thereof have been made. The Applicant respectfully requests reconsideration of the present application and the allowance of claims 1-49.

Claims 1-49 were rejected under 35 U.S.C. § 102(e) as being anticipated by Trans (U.S. Patent No. 6,377,640). The Applicant respectfully traverses this rejection based on the following remarks.

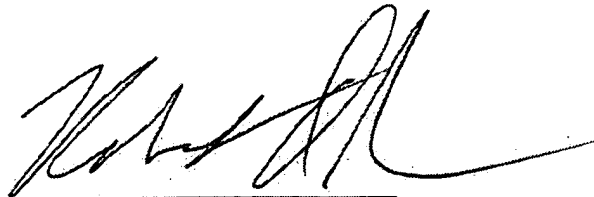
The Trans patent relied upon by the Examiner discloses a means and method for a synchronous network communication system. The Examiner has asserted that “forming a product waveform by multiplying a positive signal waveform and negative signal waveform, said positive signal waveform and said negative signal waveform being representative of a logical transition within a differential signal” is disclosed by Tran at col. 42, line 33 to col. 43, line 26. The Examiner has also asserted that “determining the crossing (or highest or lowest) point voltage of said logical transition within said differential signal” is disclosed by Tran at col. 44, lines 49-58, and that “by calculating the square root of a maximum of said product waveform” is disclosed by Tran at col. 35, line 63 to col. 36, line 4. The Applicant respectfully traverses these assertions.

The Tran patent at col. 35, line 63 to col. 36, line 4 does disclose using a measured delta frequency offset to provide an optimum Square Root pulse shaping transmit filter. However, the Applicant respectfully submits that this does not disclose calculating the square root of a

maximum of a product waveform, or calculating the square root of a maximum height of a plurality of product waveforms. Therefore, the Tran patent does not disclose at least the claimed feature of the present invention of calculating a square root of a maximum of a product waveform, or calculating the square root of a maximum height of a plurality of product waveforms. Therefore, withdrawal of the rejection under 35 U.S.C. § 102(e) is respectfully requested.

In view of the foregoing, the application is considered to be in condition for allowance. Early notification of the same is earnestly solicited. If there are any questions regarding the present application, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,



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February 26, 2004
Date

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